

RECEIVED**MAR 8 1991****OPERATING PERMIT FOR FACILITIES
RECEIVING SOLID WASTE HAZARDOUS MATERIALS****NAME AND STREET ADDRESS OF FACILITY**

Central Disposal Site
500 Meham Road
Petaluma, CA

TYPE OF FACILITY

Landfill

FACILITY/PERMIT NUMBER

49-AA-0001

NAME AND MAILING ADDRESS OF OPERATOR

County of Sonoma
Department of Public Works
575 Administration Drive, Rm. 117A
Santa Rosa, CA 95403

PERMITTING ENFORCEMENT AGENCY

Sonoma County Health Department

CITY/COUNTY

Sonoma County

PERMIT

This permit is granted solely to the operator named above, and is not transferrable.

Upon a change of operator, this permit is subject to revocation.

Upon a significant change in design or operation from that described by the Plan of Operation or the Report of Station or Disposal Site Information, this permit is subject to revocation, suspension, or modification.

This permit does not authorize the operation of any facility contrary to the State Minimum Standards for Solid Waste Handling and Disposal.

This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other government agencies.

The attached permit findings, conditions, prohibitions, and requirements are by this reference incorporated herein and made a part of this permit.

APPROVED:
APPROVING OFFICER

Jack VrMeer, Solid Waste Specialist
NAME/TITLE

AGENCY ADDRESS

1030 Center Drive, Suite A
Santa Rosa, CA 95403-2067

AGENCY USE/COMMENTS**SEAL****PERMIT RECEIVED BY CWMB****JAN 31 1991****CWMB CONCURRENCE DATE****FEB 22 1991****PERMIT REVIEW DUE DATE****3-19-96****PERMIT ISSUED DATE****3-19-91**

Permit for the Central Disposal Site
Facility File No. 49-AA-0001
January 9, 1991

I. Findings:

This facility is an existing (since 1971) 389 acre Class III sanitary landfill using the cut and fill in a canyon method of operation. This facility receives 1,461 TPD on the average, with peak loading of 1,940 TPD (2,345 TPD highest recorded peak load) of primarily non-hazardous and inert solid wastes and is operated from 7:00 a.m. to 4:00 p.m., seven days a week.

- A. The owner of the facility is the county of Sonoma and the operator is the Sonoma county Department of Public Works.
- B. The facility is located about 2.8 miles southwest of the City of Cotati, at 500 Mecham Rd., Petaluma, in Sections 4 & 9, T5N, R8W, MDB&M. AP# 024-080-19.
- C. The facility has stationary buildings that consist of an office, two gatehouses with a scale, a recycling area complete with a housing structure for used oil and automobile batteries, and a pad for recyclable material containers. The facility has an estimated total design capacity of about 19,779,250 cubic yards (10.5 million tons, a conversion factor supplied by the DPW taking into account the different compaction rates of 1,000 lbs./cu.yd. in the first 20 years life of the site and 1,200 lbs./cu.yd. in the remaining 10 years since the acquisition of the Caron Compactor). The facility has an estimated remaining capacity of 9,093,950 cubic yards (about 5.5 million tons, as of May 31, 1990). For full discussions of facility design capacity that take into account volume of material to be used for daily and final covers, read pages 16-17 of RDSI, dated May 1990.
- D. Types of wastes received at this facility include all non-hazardous wastes which consists of:
 - a) Household and commercial wastes.
 - b) Agricultural and demolition wastes.
 - c) Sludge from wastewater treatment plants (as per Title 23, Subchapter 15, Section 2523[c]).

The permitted daily capacity for item (c) shall be 20% of quantity of waste received on a given operating day.

- E. The facility currently receives 1,461 TPD on the average with peak loads of 1,940 TPD. The approximately 120 acres slated for landfilling of the permitted total of 389 acres that comprise the facility is estimated to have design capacity of about 19,779,250 cubic yards (11.9 million tons). The facility as 10,685,300 cubic yards (about 6.4 million tons) of refuse in place as of May 31, 1990. However, DPW calculations have estimated that this figure of refuse in place is closer to 5.3 million tons because compaction effort at the site in years prior to the acquisition of the Caron Compactor was about 1,000 lbs./cu.yd instead of the current 1,200 lbs./cu. yd.
- F. The current method of operation is for users (individual citizens and commercial operators) to drive into the facility, pay fees at the gatehouses and drive up to designated commercial and non-commercial tipping platforms to dispose of refuse onto lower pit areas. Waste is then pushed to work face area for compaction and daily cover. Recyclables are dropped off at recycle area prior to gatehouses.

- G. Resource recovery or salvaging (recycling) is conducted at this facility. Recycled items include newspapers, cardboard, glass, mattresses, various types of scrap metals, whitegoods, tires, used oils, paints, and automobile lead acid batteries. The used oil, auto batteries, and paint exchanges are conducted with applicable CCR, Title 22, permits and/or exemptions from the DOHS.

Hazardous wastes, such as waste oils, batteries, paints, etc., shall be handled in a manner approved by the LEA and the CIWMB.

- H. Hazardous waste exclusion (screening) program at the facility is as described in the HHW Exclusion Program, Second Draft (RDSI, May 1990). the exclusion program may be modified to reflect comments received from various responsible agencies during development of the program.

The program consists of activities of random inspections of incoming loads; regular visual inspection of deposited wastes; training of personnel in recognition and proper handling of hazardous waste; proper reporting of unlawful disposal incidents (unlawful disposal incidents will be reported to the County Sheriff (707)527-2213, and reports also filed with County fire Services, Haz Mat division (707) 527-1151; and, installation of signs at the facility's entry way indicating that no hazardous wastes are accepted and a listing of unacceptable wastes (in-place). (A.S. -DPW).

The hazardous wastes screen and exclusion program also includes installations of signs at facility entry way indicating that no hazardous wastes are accepted at this facility and a listing of unacceptable wastes.

All HHW collection events and exclusion programs at the site shall be conducted with appropriate permits and/or exemptions from the DOHS.

Additional exclusion measures may be required upon the request of the LEA or the Board.

- I. There may be significant changes in design and/or operation in the next five years to facilitate operations and projects of wood chipping, Christmas tree recycling, composting and bioremediation of contaminated soils at the non-hazardous levels.
- J. The facility operates seven days per week from 7:00 a.m. to 4:00 p.m., except for designated holidays. The remaining site life is given as approximately nine years and four months. Closure date is given as approximately April 30, 1999 (RDSI, May 1990).
2. The following agencies and documents condition this permit and the operation and use of the facility:
- A. Report of Disposal Site Information, dated May 31, 1990.
- B. Sonoma County Planning Department, Conditional Use Permit, N.2426.
- C. California Regional Water Quality Control Board, North Coast Region, Revised Waste Discharge Requirement, Order No. 89-8, adopted on February 22, 1989.
- D. Bay Area Air Quality Management District, Permit No. 31686.
- E. Department of Public Works, Lead Agency, in preparation of Negative Declaration, Clearinghouse #90030320.
- F. Sonoma County Code, Chapter 22, all applicable sections.
- G. The Schedule for Implementation of Landfill Control Measures dated January, 1991, Sonoma County Public Works Department.

3. As per the requirements of GC.66796.32: the following findings are made
 - A. The permit is consistent with the latest County solid Waste Management Plan as determined by the Sonoma County Department of Public Works, the COSWMP liaison.
 - B. This permit is consistent with the standards adopted by the California Integrated Waste Management Board.
4. The facility design and operation are currently in compliance with State Minimum Standards for Solid Waste handling and Disposal as determined by inspection made on January 10, 1991 by Board Staff.
5. The local fire protection district has determined that the facility is in compliance with the Public Resources Code, Sections 4373 (clearance is required from the perimeter of exposed flammable solid waste).
6. The Sonoma County Planning Department has made a finding that the surrounding land use is compatible with the facility operation. Land within 1,000 feet is zoned agricultural. The facility is consistent with the latest version of the County General Plan.
7. Environmental determination (i.e. Notice of Determination) was filed with Office of Planning and Research and with the sonoma County Clerk's Office by the sonoma County Department of Public Works on June 26, 1990 (SCH#:90030320).

II Conditions:

A. Requirements:

1. This facility must comply with the State Minimum Standards for solid Waste Handling and Disposal.
2. This facility must comply with all federal, state and local requirements and enactments.
3. Additional information concerning the design and operation of this facility must be furnished upon request of the enforcement agency.
4. At the discretion of the enforcement agency, landfill gas monitoring probes shall be installed for detection of gas migration. (Gas collection and control systems with flaring apparatus have been installed and are operational at this facility.)
 - (a) A landfill gas perimeter probe shall be installed, per agreement with IWBm staff, 11-15-90, prior to 7-1-91.

B. Prohibitions:

The following actions are prohibited at this facility:

1. Scavenging
2. Burning of garbage
3. Disposal of hazardous wastes
4. Disposal of sludges and wastes with less than 15% solids
5. Disposal of grease trap and car wash trap sediments after March 1, 1991
6. Standing water on covered fill areas

7. Storing full debris boxes of materials to be recycled
8. Storing equipment or materials not used in daily operation of the facility.

C. Specifications:

1. This permit supersedes the existing permit, dated 7/15/86.
2. No significant change in design or operation from that described in the FINDINGS section is allowed, except for those changes which are required under the CONDITIONS portion of this permit. Any significant change which may be proposed for the facility shall require submission of a revised RDSI or an addendum thereto and application for a permit revision to the LEA.
3. This facility has a permitted peak loading capacity of 2,500 tons per operating day and shall not receive more than this design capacity unless it first obtains a revision of this permit.

Special circumstances and special wastes which would on occasion raise the permitted peak daily tonnage shall include:

- (a) Mechanical breakdowns at one of the transfer stations which feed the Central Disposal Site could result in that days entire waste throughput being hauled to the Central Disposal Site the following day. In this event, the maximum permitted peak daily loading of a single transfer station for a single day following said breakdown. This specification shall not serve to waive standby equipment requirements for feeder transfer stations.

(b) Emergency Provision

* Definition of "Emergency"

1. As defined in 14 CCR 17909.
2. Any state of emergency declared by the President, Governor, Board of Supervisors, City Council, Health Officer, or other authorized person(s).

* Notification

1. By operator: The operator shall notify the LEA as soon as possible, of the nature of the emergency and the actual or desired response to the emergency.
2. By the LEA: The LEA shall notify the operator as soon as possible, of the existence of an emergency and the desired response to the emergency.

* Emergency Response

1. The LEA may waive any or all provisions of the Solid Waste Facilities Permit in order to deal with the emergency.
2. If the emergency exceeds fifteen(15) days, the LEA shall notify the California Integrated Waste Management Board (CIWMB) of the nature of the emergency and actions taken by the operator and the LEA in response to that emergency by the operator, and notification of, and response by, appropriate regulatory agencies, including the LEA.

3. The operator shall file a written report with the LEA no later than ninety (90) days after the emergency conditions have abated, or at time(s) otherwise specified by the LEA, describing the nature of the emergency, actions taken in response to that emergency by the operator, and notification of, and response by, appropriate regulatory agencies, including the LEA.

(c) A change in facility operator will require a new permit.

D. Provisions:

1. At recycling areas, the method of operation shall be one where received recyclable materials are directly placed in containers and the containers are removed off-site when full.
2. All elements of HHW and exclusion programs shall be operated in strict adherence to the requirements of the CCR, Title 22 and DOHS guidelines.
3. This permit is subject to review by the enforcement agency, and may be suspended, revoked, or modified at any time for sufficient cause.

E. Closure/Postclosure Maintenance:

As per GC 66796.22:

1. The owner/operator of this facility, the sonoma County Department of Public Works has submitted closure/postclosure maintenance financial assurance mechanism certifications to the LEA and to the Board. Enterprise Fund for closure (Anniversary date, January 30), Pledge of Revenue for postclosure. Cost estimates shall be adjusted for inflation yearly.
2. Preliminary plans for closure and postclosure maintenance of the facility are due upon next application for permit review.

F. Self-Monitoring:

The following items shall be monitored by the operator of this facility or his agent. Records including, but not limited to these items, shall be kept and made available to the enforcement agency and the Board upon request:

1. Daily volume of wastes in cubic yards and weight in tons.
2. A log of special occurrences, i.e., fires, explosions, accidents, hazardous wastes, etc., shall be maintained.
3. Logs of equipment down times shall be maintained.
4. Results of the hazardous waste screening programs shall be reported to the LEA on a quarterly basis broken down by months.